

# MEMO

**DATE:** October 11, 2005

**TO:** Administration Committee  
Regional Council

**FROM:** Heather Copp, CFO (213) 236-1804  
Email: copp@scag.ca.gov

**SUBJECT:** Contracts and Purchase Orders between \$5,000 - \$250,000

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## SUMMARY:

### SCAG executed the following Contracts between \$5,000 and \$250,000

- Caliper Corporation \$ 35,000  
Software Transition Support  
Funding Source: TDA
- Solimar Research Group \$ 79,478  
South Bay Mixed Use Centers Study  
Funding Source: FTA

### SCAG executed the following Memorandum of Understanding (MOU)

- The Regents of the University of California (UCLA) \$114,207  
Gold Line Corridor Study  
Funding Source: 5313(b)

### SCAG executed the following Purchase Orders between \$5,000 and \$250,000

- Cal State Fullerton \$10,000.00  
Economic Data & Forecasting Services  
Funding Source: FTA
- Cal State Long Beach \$10,000.00  
Economic Data & Forecasting Services  
Funding Source: FTA



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- M.E. Consulting \$ 5,000.00  
UNIX Systems Support for City of Los Angeles  
Funding Source: Local
- PlanetBids.com \$ 7,500.00  
Support Services for Bid Management System  
Funding Source: Indirect Overhead
- Speech Com, Inc. \$ 7,644.23  
Speech Training in English Pronunciation  
Funding Source: Indirect Overhead

## CONSULTANT CONTRACT

Consultant: Caliper Corporation

Scope: SCAG continually seeks to refine and improve its travel demand modeling and forecasting capabilities. This is attributable to the increasing significance of travel demand models in support of the Region's plans, programs, and major projects. Over the past year, SCAG has completed a major update to the Regional Travel Demand Model. Most elements of the Model have been updated based on recent travel information from the Year 2000 Census and SCAG's Year 2001 Travel Survey. As part of the Model Improvement Program, SCAG's modeling software has been converted from Tranplan to TransCad. The purpose of the software transition was to gain the additional modeling capabilities of state of the art PC based modeling software package. Transcad represents the latest generation of transportation modeling software. TransCad is a well supported modeling software package with additional analytical capabilities.

SCAG's Regional Transportation Model is a very detailed and complex mathematical model. Likewise the conversion and implementation of the new TransCad Regional Model is a very complex and difficult task. SCAG plans to have the new TransCad Model fully operational by April, 2006 and Staff fully trained by June, 2006. To achieve this goal, Caliper will work very closely with SCAG Modeling Staff to create new modeling subroutines, develop new model input data, provide software training, and supply on-call technical advice.

The goal of this project is to obtain the necessary software support to ensure a smooth software transition process. Specific software improvements will include: custom reporting and interface tools; TransCad programs to output performance measurements for the RTP; improved fare and cost path tracing (highway and transit); new methodologies for parking capacity constraint, parking choice, transit load factor constraint and toll sub-nest; an automated feedback process based upon convergence testing; implementation of TransCad's logit estimation prototype software for model refinement; and implementing new network micro-simulation capabilities.

Contract Amount:	Total not to exceed	\$35,000
	Caliper Corporation (prime)	\$35,000

Contract Period: November 1, 2005 through June 30, 2006

Work Element: 06-070.SCGC2      \$35,000      Funding Sources: TDA

Request for Proposal: SCAG staff mailed postcards to 85 pre-qualified firms on SCAG's bidders list to notify them of the release of RFP No. 06-033. The RFP was also posted on SCAG's website. The following proposal was received in response to the solicitation:

Caliper Corporation \$35,000

Selection Process: The Proposal Review Committee (PRC) evaluated the proposal in accordance with the criteria set forth in the RFP, and the selection process was conducted in a manner consistent with all applicable Federal and State contracting regulations. An interview was held with the offeror.

The PRC was comprised of the following individuals:

Steve Smith, Principal Transportation Analyst, SANBAG  
Edward Humenik, Sr. Transportation Planner, Caltrans District 7  
Michael Ainsworth, Lead Modeling Analyst, SCAG

Basis for Selection: The PRC committee recommends Caliper Corporation for the contract award because of the firm's unique qualifications to fulfill the requirements of the project. Caliper's proposal was determined to be a superior proposal that fulfilled the requirements described in the RFP. All PRC members rated the Caliper proposal as outstanding.

Caliper Corporation is the developer of TransCad Software and is clearly an expert in its application. No other consultant firm possesses the knowledge of the software and the modeling expertise necessary to convert SCAG's Model to TransCad. Over the past year, Caliper has provided extensive assistance to SCAG in converting the existing Regional Transportation Model to TransCad. The level of software support and Caliper's software expertise has been outstanding. In addition, initial TransCad training classes and the software documentation have been superior. Caliper's proposal and interview demonstrates their excellent knowledge of SCAG's Transportation Model and a thorough understanding of the tasks remaining to implement the new modeling software.

## **CONSULTANT CONTRACT**

**Consultant:** Solimar Research Group

**Scope:** The South Bay Mixed Use Centers Study is intended to find appropriate solutions to meeting the challenges of implementing the 2% Strategy in the South Bay. The study will conduct research that will help the sub-region identify places that could absorb high-density housing without generating traffic congestion. With the 2004-05 OWP, the South Bay Cities Council of Governments (SBCCOG) studied three of its existing mixed-use centers in order to determine their actual transportation performance, ways in which that performance could be improved, and lessons for adding housing to existing commercial centers under SCAG's 2% Strategy.

This year's work will involve research into an additional existing mixed-use center in order to validate the knowledge gained from analyzing the first three, including business and economic functions as well as travel behavior patterns. The three study-centers studied in 2004-05 will be revisited to learn more about the economics of mixed-use. Finally, a study of commercial corridors will add information about the potential for converting commercial strips into "linear centers" – a more relevant situation to many communities in the South Bay and throughout the region.

<b>Contract Amount:</b>	<b>Total not to exceed</b>	<b>\$79,478</b>
	Solimar Research Group (prime)	\$51,358
	Weaver Research & Consulting (subcontractor)	\$ 7,000
	Marlon Boarnet, PhD, UC Irvine (subcontractor)	\$ 6,000
	Mai Nguyen, PhD, San Francisco State University (sub-contractor)	\$ 5,000
	Wiltec (subcontractor)	\$ 8,020
	Agnew Tech II (subcontractor)	\$ 2,100

**Contract Period:** November 1, 2005 through June 30, 2006

**Work Element:** 06-050.SBCC1      \$79,478      Funding Sources: FTA 5303 Funds

**Request for Proposal:** SCAG staff mailed postcards to 183 pre-qualified firms on SCAG's bidders list to notify them of the release of RFP No. 06-016.C1. The RFP was also advertised on Lawley Publications' website, the Planning Magazine's website, California State Contracts Register posted on SCAG's website. The following proposal was received in response to the solicitation:

Solimar Research Group (5 subcontractors)      \$79,478

**Selection Process:**

The Proposal Review Committee (PRC) evaluated the proposal in accordance with the criteria set forth in the RFP, and the selection process was conducted in a manner consistent with all applicable Federal and State contracting regulations. Although only one proposal was received, the competition was considered adequate.

The PRC was comprised of the following individuals:

Jacki Bacharach, Executive Director, SBCCOG  
Kim Fuentes, Deputy Executive Director, SBCCOG  
Walter Siembab, Principal, Siembab Planning Associates  
Kathleen McCune, Planner, Los Angeles MTA  
David Sosa, Chief, Regional Planning & LARTS, Caltrans Dist. 7  
Niki Cutler, Senior Planner, City of Rolling Hills Estates  
Richard Thompson, Director of Comm Dev, City of Manhattan Bch  
Brian Wallace, Associate Regional Planner, SCAG

**Basis for Selection:**

The PRC recommends Solimar Research Group (Solimar) for the contract award because of the firm's strong qualifications to fulfill the requirements of the project. Solimar's team is extensive and experienced, with strong academic, professional, and publishing backgrounds. The team understands the complex relationship between land use and transportation planning. It has extensive experience in working with the South Bay and other subregions on Compass-related issues, particularly related to subregional infill and mixed-use development strategies. A unique aspect of the Solimar team's approach was the attention to user-focused survey techniques, which add relevant data related to patterns in the South Bay. Solimar also expressed a clear intent to work closely with SBCCOG on scheduling, tasks, and timing for review.